



01-14-04

NVI 5235.2  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of William E. Kunkle, et al.  
Serial No. 10/623,881  
Filed July 21, 2003  
For FEED RATIONS AND METHODS OF FEEDING GROWING RUMINANTS

January 13, 2004

COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and in compliance with the duty of disclosure set forth in 37 C.F.R. 1.56, applicant submits copies of the references listed on the attached Supplemental PTO/SB/08A for consideration by the Patent and Trademark Office in the above-entitled application and to be made of record herein. Each item contained in this statement was cited in a PCT International Search Report, dated January 2, 2004, which is submitted herewith.

Respectfully submitted,

Anthony R. Kinney, Reg. No. 44,834  
SENNIGER, POWERS, LEAVITT & ROEDEL  
One Metropolitan Square, 16th Floor  
St. Louis, Missouri 63102  
(314) 231-5400

ARK/leb  
\*Enclosures

Express Mail Label No. EV 237015088 US

<b>PTO/SB/08A</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/623,881
				Filing Date	July 21, 2003
				Confirmation Number	
				First Named Inventor	William E. Kunkle
				Group Art Unit	1761
				Examiner Name	
Sheet	1	of	2	Attorney Docket No.	NVI 5235.2


U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code <sup>2</sup> (if known)				
	29	4,175,121		Mantha	11/20/79		
	30	5,529,793		Garner, et al.	06/25/96		
	31	6,017,563		Knight, et al.	01/25/00		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
	32	WO	00/28835	A1	Robert, et al.	05/25/00	
	33	WO	00/53052	A1	Kim	03/09/00	
	34	EPO	0057146	A2	Mantha	08/04/82	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T <sup>6</sup>

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/623,881
				Filing Date	July 21, 2003
				Confirmation Number	
				First Named Inventor	William E. Kunkle
				Group Art Unit	1761
				Examiner Name	
Sheet	2	of	2	Attorney Docket No.	NVI 5235.2

	35	Davis, et al., EFFECT OF SOURCE AND LEVEL OF SUPPLEMENTAL BYPASS TOTAL SULFUR AMINO ACIDS (TSAA) ON PERFORMANCE OF GROWING CATTLE FED BERMUDAGRASS HAY DIETS SUPPLEMENTED WITH MOLASSES BASED SUPPLEMENTS, Journal of Dairy Science, Vol. 85, No. Suppl. 1, 2002, pg. 239, XP-002262361	
	36	Popovici, et al, EFFECT OF METHIONINE ANALOGUE ON GROWTH PROCESSES OF YOUNG CATTLE TO 6 MONTHS OLD, Romanian Journal, Database Accession No. 931449283, XP-002262365	
	37	Uchida, et al., PERFORMANCE OF HIGH PRODUCING DAIRY COWS FED METHIONINE HYDROXY ANALOG OR D, L-METHIONINE IN A TOTAL MIXED RATION DURING EARLY LACTATION, Journal of Dairy Science, Vol. 84, No. Suppl. 1, 2001, pg. 36	
	38	Hansen, et al., INFLUENCE OF FORAGE TYPE, RATIO OF FORAGE TO CONCENTRATE, AND METHIONINE HYDROXY ANALOG ON PERFORMANCE OF DAIRY COWS, Journal of Dairy Science, Vol. 74, No. 4, 1991, pgs. 1361-1369, XP-002262363	
	39	Calhoun et al., MHA AND PROTEIN SUPPLEMENTATION OF SORGHUM GRAIN DIETS, Journal of Animal Science, Vol. 39, No. 1, 1974, pg 235, XP-008024947	
	40	Belasco, I.J., FATE OF CARBON-14 LABELED METHIONINE HYDROXY ANALOG AND METHIONINE IN THE LACTATING DAIRY COW, American Dairy Science Association, Vol. 63, No. 5, 1980, pgs. 775-784, XP-002262364	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached or place an "A" here if English language abstract is attached..

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.